METHOD AND APPARATUS FOR LIMITING STANDBY SUBNET MANAGERS

Abstract of the Disclosure

5   A method and apparatus for selecting a limited number of standby subnet managers includes providing an InfiniBand architecture subnet (100, 200, 300, 400, 500, 600) having a plurality of nodes (102), where each of the plurality of nodes has a priority value (307, 308) and a globally unique identifier (309, 310). Each of the plurality of nodes includes a subnet manager (305, 306). Each of the plurality of nodes is ranked according

10 to the priority value and the globally unique identifier. The subnet manager is selected to be one of a set of standby subnet managers (328) based on the priority value and the globally unique identifier of each of the plurality of nodes.